PRISM

P35

OPERATING INSTRUCTIONS - 1.2

Laney

POWER TO THE MUSIC

WARNING: When using electrical products, basic cautions should always be followed, including the following:

1. Read these instructions.
2. Keep these instructions safe.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. An apparatus with Class I construction shall be connected to a mains socket outlet with a protective connection. Do not defeat the safety purpose of the polarized or grounding-type plug.Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding plug. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus.
11. Only use attachments/accessories provided by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. The mains plug or appliance coupler is used as the disconnect device and shall remain readily operable.The user should allow easy access to any mains plug, mains coupler and mains switch used in conjunction with this unit thus making it readily operable. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Never break off the ground pin. Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
16. If this product is to be mounted in an equipment rack, rear support should be provided.
17. Note for UK only: If the colours of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows:
a) The wire that is coloured green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, coloured green or coloured green and yellow.
b) The wire that is coloured blue must be connected to the terminal that is marked with the letter N or the colour black.
c) The wire that is coloured brown must be connected to the terminal that is marked with the letter L or the colour red.
18. This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.
19. Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time.

The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures: According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Earplugs or protectors to the ear canals or over the ears must be worn when operating thisamplification system in order to prevent a permanent hearing loss, if exposure is in excess of the limits as set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.

Duration Per Day In Hours	Sound Level dBA, slow response
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ or less	115

ATTENTION: L'utilisation de tout appareil électrique doit être soumise aux precautions d'usage incluant:

1. Lire ces instructions
2. Gardez ce manuel pour de futures références.
3. Prétez attention aux messages de précautions de ce manuel.
4. Suivez ces instructions.
5. N'utilisez pas cette unité proche de plans d'eau.
6. N'utilisez qu'un tissu sec pour le nettoyage de votre unité.
7. N'obstruez pas les systèmes de refroidissement de votre unité et installez votre unité en fonction des instructionsde ce manuel.
8. Ne positionnez pas votre unité à proximité de toute source de chaleur.
9. Un appareil avec la construction de la classe I sera relié à une sortie de douille de forces à un raccordement protecteur. Connectez toujours votre unité sur une alimentation munie de prise de terre utilisant le cordon d'alimentation fourni.
10. Protégez les connecteurs de votre unité et positionnez les cablages pour éviter toutes déconnexions accidentelles.
11. N'utilisez que des fixations approuvées par le fabriquant.
12. Lors de l'utilsation sur pied ou pole de support, assurez dans le cas de déplacement de l'ensemble enceinte/support de prévenir tout basculement intempestif de celui-ci.
13. Les forces branchent ou le coupleur d'appareils est utilisé pendant que le dispositif de débranchement et restera aisément fonctionnel. L'utilisateur devrait permettre l'accès facile à toutes les forces prise, à forces coupleur et à commutateur de forces utilisé en même temps que cette unité le rendant de ce fait aisément fonctionnel. Débranchez cet appareil pendant la foudre donne l' assaut à ou si inutilisé pendant de longues périodes.
14. Seul un technicien agréé par le fabriquant est à même de réparer/contrôler votre unité. Celle-ci doit être contrôlée si elle a subit des dommages de manipulation, d'utilisation ou de stockage (humidité,…).
15. Ne déconnectez jamais la prise de terre de votre unité.
16. Si votre unité est destinée a etre montée en rack, des supports arriere doivent etre utilises.
17. Note pour les Royaumes-Unis: Si les couleurs de connecteurs du cable d'alimentation ne correspond pas au guide de la prise secteur, procédez comme suit:

a) Le connecteur vert et jaune doit être connectrer au terminal noté E, indiquant la prise de terre ou correspondantaux couleurs verte ou verte et jaune du guide.
b) Le connecteur bleu doit être connectrer au terminal noté N, correspondnat à la couleur noire du guide.
c) Le connecteur marron doit être connectrer au terminal noté L, correspondant à la couleur rouge du guide.

18. Cet équipement électrique ne doit en aucun cas être en contact avec un quelconque liquide et aucun objet contenant un liquide, vase ou autre ne devrait être posé sur celui-ci.
19. Une exposition à de hauts niveaux sonores peut conduire à des dommages de l'écoute irréversibles. La susceptibilité au bruit varie considérablement d'un individu à l'autre, mais une large majorité de la population expériencera une perte de l'écoute après une exposition à une forte puissance sonore pour une durée prolongée.

L'organisme de la santé américaine (OSHA) a produit le guide ci-dessous en rapport à la perte occasionnée: D'après les études menées par le OSHA, toute exposition au delà des limites décrites ce-dessus entrainera des pertes de l'écoute chez la plupart des sujets. Le port de système de protection (casque, oreilette de filtrage,…) doit être observé lors de l'opération cette unité ou des dommages irréversibles peuvent être occasionnés. Le port de ces systèmes doit être observé par toutes personnes susceptibles d'être exposées à des conditions au delà des limites décrites ci-dessus.

Durée par Jour (heures)	Niveau sonore moyen (dBA)
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ ou inférieur	115

Laney

ACHTUNG: Beim Einsatz von Elektrogeräten müssen u.a. grundlegende Vorsichtsmaßnahmen befolgt werden:

1. Lesen Sie sich diese Anweisungen durch.
2. Bewahren Sie diese Anweisungen auf.
3. Beachten Sie alle Warnungen.
4. Befolgen Sie alle Anweisungen.
5. Setzen Sie dieses Gerät nicht in der Nähe von Wasser ein.
6. Reinigen Sie es nur mit einem trockenen Tuch.
7. Blockieren Sie keine der Lüftungsöffnungen. Führen Sie die Installation gemäß den Anweisungen des Herstellers durch.
8. Installieren Sie das Gerät nicht neben Wärmequellen wie Heizungen, Heizgeräten, Öfen oder anderen Geräten (auch Verstärkern), die Wärme erzeugen.
9. Ein Apparat mit Aufbau der Kategorie I wird an einen Hauptleitungseinfaßungsanschluß mit einem schützenden Anschluss angeschlossen. Beeinträchtigen Sie nicht die Sicherheitswirkung des gepolten Steckers bzw. des Erdungssteckers. Ein gepolter Stecker weistzwei Stifte auf, von denen einer breiter ist als der andere. Ein Erdungsstecker weist zwei Stifte und einen dritten Erdungsstift auf.Der breite Stift bzw. der dritte Stift dient Ihrer Sicherheit. Sollte der beiliegende Stecker nicht in Ihre Steckdose passen, wenden Sie sich bitte an einen Elektriker, um die ungeeignete Steckdose austauschen zu lassen.
10. Schützen Sie das Netzkabel, sodass niemand darauf tritt oder es geknickt wird, insbesondere an Steckern oder Buchsen und ihren Austrittsstellen aus dem Gerät.
11. Verwenden Sie nur die vom Hersteller erhältlichen Zubehörgeräte oder Zubehörteile.
12. Verwenden Sie nur einen Wagen, Stativ, Dreifuß, Träger oder Tisch, der den Angaben des Herstellers entspricht oder zusammen mit dem Gerät verkauft wurde. Wird ein Wagen verwendet, bewegen Sie den Wagen mit dem darauf befindlichen Gerät besonders vorsichtig, damit er nicht umkippt und möglicherweise jemand verletzt wird.
13. Die Hauptleitungen verstopfen, oder Gerätekoppler wird während die Trennung Vorrichtung benutzt und wird bereitwillig funktionell bleiben. Der Benutzer sollte einfachen Zugang zu allen möglichen Hauptleitungen Stecker, zu den Hauptleitungen Koppler und zum Hauptleitungen Schalter erlauben, der in Verbindung mit dieser Maßeinheit benutzt wird, die folglich ihn bereitwillig funktionell bildet. Trennen Sie diesen Apparat während der Blitzstürme oder wenn unbenutzt, für lange Zeitabschnitte.
14. Lassen Sie sämtliche Wartungsarbeiten von qualifizierten Kundendiensttechnikern durchführen. Eine Wartung ist erforderlich, wenn das Gerät in irgendeiner Art beschädigt wurde, etwa wenn das Netzkabel oder der Netzstecker beschädigt wurden, Flüssigkeit oder Gegenstände in das Gerät gelangt sind, das Gerät Regen oder Feuchtigkeit ausgesetzt wurde, nicht normal rbeitet oder heruntergefallen ist.
15. Der Erdungsstift darf nie entfernt werden. Schließen Sie nur an die Stromversorgung der Art an, die am Gerät neben dem Netzkabel angegeben ist.
16. Wenn dieses Produkt in ein Geräte-Rack eingebaut werden soll, muss eine Versorgung über die Rückseite eingerichtet werden.
17. Hinweis – Nur für Großbritannien: Sollte die Farbe der Drähte in der Netzleitung dieses Geräts nicht mit den Klemmen in Ihrem Stecker übereinstimmen, gehen Sie folgendermaßen vor:

a) Der grün-gelbe Draht muss an die mit E (Symbol für Erde) markierte bzw. grüne oder grün-gelbe Klemme angeschlossen werden.
b) Der blaue Draht muss an die mit N markierte bzw. schwarze Klemme angeschlossen werden.
c) Der braune Draht muss an die mit L markierte bzw. rote Klemme angeschlossen werden.

18. Dieses Gerät darf nicht ungeschützt Wassertropfen und Wasserspritzern ausgesetzt werden und es muss darauf geachtet werden, dass keine mit Flüssigkeiten gefüllte Gegenstände, wie z. B. Blumenvasen, auf dem Gerät abgestellt werden.
19. Belastung durch extrem hohe Lärmpegel kann zu dauerhaftem Gehörverlust führen. Die Anfälligkeit für durch Lärm bedingten Gehörverlust ist von Mensch zu Mensch verschieden, das Gehör wird jedoch bei jedem in gewissem Maße geschädigt, der über einen bestimmten Zeitraum ausreichend starkem Lärm ausgesetzt ist. Die US-Arbeitsschutzbehörde (Occupational and Health Administration, OSHA) hat die folgenden zulässigen Pegel für Lärmbelastung festgelegt:

Dauer pro Tag in Stunden	Geräuschpegel dBA, langsame Reaktion
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ oder weniger	115

Laut OSHA kann jede Belastung über den obenstehenden zulässigen Grenzwerten zu einem gewissen Gehörverlust führen. Sollte die Belastung die obenstehenden Grenzwerte übersteigen, müssen beim Betrieb dieses Verstärkungssystems Ohrenstopfen oder Schutzvorrichtungen im Gehörgang oder über den Ohren getragen werden, um einen dauerhaften Gehörverlust zu verhindern. Um sich vor einer möglicherweise gefährlichen Belastung durch hohe Schalldruckpegel zu schützen, wird allen Personen empfohlen, die mit Geräten arbeiten, die wie dieses Verstärkungssystem hohe Schalldruckpegel erzeugen können, beim Betrieb dieses Geräts einen Gehörschutz zu tragen.

CUIDADO: Cuando use productos electrónicos, debe tomar precauciones básicas, incluyendo las siguientes:

1. Lea estas instrucciones.
2. Guarde estas instrucciones.
3. Haga caso de todos los consejos.
4. Siga todas las instrucciones.
5. No usar este aparato cerca del agua.
6. Limpiar solamente con una tela seca.
7. No bloquear ninguna de las salidas de ventilación. Instalar de acuerdo a las instrucciones del fabricante.
8. No instalar cerca de ninguna fuente de calor como radiadores, estufas, hornos u otros aparatos (incluyendo amplificadores) que produzcan calor.
9. Un aparato con la construcción de la clase I será conectado con un enchufe de zócalo de las cañerías con una conexión protectora. No retire la patilla protectora del enchufe polarizado o de tipo “a Tierra”. Un enchufe polarizado tiene dos puntas, una de ellas más ancha que la otra. Un enchufe de tipo “a Tierra” tiene dos puntas y una tercera “a Tierra”. La punta ancha (la tercera) se proporciona para su seguridad. Si el enchufe proporcionado no encaja en su enchufe de red, consulte a un electricista para que reemplaze su enchufe obsoleto.
10. Proteja el cable de alimentación para que no sea pisado o pinchado, particularmente en los enchufes, huecos, y los puntos que salen del aparato.
11. Usar solamente añadidos/accesorios proporcionados por el fabricante.
12. Usar solamente un carro, pie, trípode, o soporte especificado por el fabricante, o vendido junto al aparato. Cuando se use un carro, tenga cuidado al mover el conjunto carro/aparato para evitar que se dañe en un vuelco. No suspenda esta caja de ninguna manera
13. Las cañerías tapan o el acoplador de la aplicación se utiliza mientras que el dispositivo de la desconexión y seguirá siendo fácilmente operable. El usuario debe permitir el acceso fácil a cualquier cañería enchufe, a las cañerías acoplador y al interruptor de las cañerías usado conjuntamente con esta unidad así que lo hace fácilmente operable. Desenchufe este aparato durante tormentas del relámpago o cuando es inusitado por períodos del tiempo largos.
14. Para cualquier reparación, acuda a personal de servicio cualificado. Se requieren reparaciones cuando el aparato ha sido dañado de alguna manera, como cuando el cable de alimentación o el enchufe se han dañado, algún líquido ha sido derramado o algún objeto ha caído dentro del aparato, el aparato ha sido expuesto a la lluvia o la humedad, no funciona de manera normal, o ha sufrido una caída.
15. Nunca retire la patilla de Tierra. Conecte el aparato sólo a una fuente de alimentación del tipo marcado al lado del cable de alimentación.
16. Si este producto va a ser enracado con más equipo, use algún tipo de apoyo trasero.
17. Nota para el Reino Unido solamente: Si los colores de los cables en el enchufe principal de esta unidad no corresponden con los terminales en su enchufe, proceda de la siguiente manera:

a) El cable de color verde y azul debe ser conectado al terminal que está marcado con la letra E, el símbolo de Tierra (earth), coloreado en verde o en verde y amarillo.
b) El cable coloreado en azul debe ser conectado al terminal que está marcado con la letra N o el color negro.
c) El cable coloreado en marrón debe ser conectado al terminal que está marcado con la letra L o el color rojo.

18. Este aparato eléctrico no debe ser sometido a ningún tipo de goteo o salpicadura y se debe tener cuidado para no poner objetos que contengan líquidos, como vasos, sobre el aparato.
19. La exposición a altos niveles de ruido puede causar una pérdida permanente en la audición. La susceptibilidad a la pérdida de audición provocada por el ruido varía segúnla persona, pero casi todo el mundo perderá algo de audición si se expone a un nivel de ruido suficientemente intenso durante un tiempo determinado. El Departamento para la Salud y para la Seguridad del Gobierno de los Estados Unidos (OSHA) ha especificado las siguientes exposiciones al ruido permisibles:

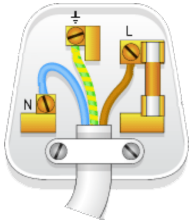
Duración por Día en Horas	Nivel de Sonido dBA, Respuesta Lenta
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ o menos	115

De acuerdo al OSHA, cualquier exposición que exceda los límites arriba indicados puede producir algún tipo de pérdida en la audición. Protectores para los canales auditivos o tapones para los oídos deben ser usados cuando se opere con este sistema de sonido para prevenir una pérdida permanente en la audición, si la exposición excede los límites indicados más arriba. Para protegerse de una exposición a altos niveles de sonido potencialmente peligrosa, se recomienda que todas las personas expuestas a equipamiento capaz de producir altos niveles de presión sonora, tales como este sistema de amplificación, se encuentren protegidas por protectores auditivos mientras esta unidad esté operando.

⚡	Intended to alert the user to the presence of uninsulated 'Dangerous Voltage' within the products enclosure that may be sufficient to constitute a risk of electrical shock to persons. Ce symbole est utilisé pur indiquer a l'utilisateur de ce produit de tension non-isolee dangereuse pouvant etre d'intensite suffisante pour constituer un risque de choc electrique. Este simbolo tiene el proposito de alertar al usuario de la presencia de '(voltaje) peligroso' que no tiene aislamiento dentro de la caja del producto que puede tener una magnitud suficiente como para constituir riesgo de corrientazo. Dieses Symbol soll den Anwender vor unsolierten gefahrlichen Spannungen innerhalb des Gehauses warnen, die von Ausrichender Starke sind, um einen elektrischen Schlag verursachen zu konnen.
!	Intended to alert the user of the presence of important operating and maintenance (Servicing) instructions in the literature accompanying the product. Dieses Symbol soll den Anwender vor unsolierten gefahrlichen Spannungen innerhalb des Gehauses warnen, die von Ausrichender Starke sind, um einen elektrischen Schlag verursachen zu konnen. Este simbolo tiene el proposito de la alertar al usario de la presencis de instrucccones importantes sobre la operacion y mantenimiento en la literatura que viene conel producto. Dieses Symbol soll den Benutzer auf wichtige Instruktionen in der Bedienungsanleitung aufmerksam machen, die Handhabung und Wartung des Produkts betreffen.
CAUTION: **ATTENTION:** **PRECAUCION:** **VORSICHT:**	Risk of electrical shock - DO NOT OPEN. To reduce the risk of electrical shock, do not remove the cover. No user serviceable parts inside. Refer servicing to qualified personnel. Risques de choc electrique - NE PAS OUVIRIR Afin de reduire le risque de choc electrique, ne pas enlever le couvercle. Il ne se trouve a l'interieur aucune piece pouvant etre reparee par l'utilisateur. Confier l'entretien a un personnel qualifie. Riesgo de corrientazo - no abra Para disminuir el risego de carrientazo, no abra la cubierta. No hay piezas adentro que el pueda reparar. Deje todo mantenimiento a los tecnicos calificadod. Risiko - Elektrischer Schlag! Nicht offen! Um das Risiko eines elektrischen Schlages zu vermeiden, nicht die Abdeckung enfernen. Es befinden sich keine Teile darin, die vom Anwender repariert werden Konnten. Reparaturen nur von qualifiziertem Fachpersonal durchfuhren lassen.
WARNING: **ADVERTISSEMENT:** **ADVERTENCIA:** **ACHTUNG:**	To prevent electrical shock or fire hazard, do not expose this appliance to rain or moisture. Before using this appliance please read the operating instructions for further warnings. Afin de prevenir les risques de decharge electrique ou de feu, n'exposez pas cet appareil a la pluie ou a l'humidite. Avant d'utiliser cet appareil, lisez les advertissments supplentaires situes dans le guide. Para evitar corrientazos o peligro de incendio, no deja expuesto a la lluvia o humedad este aparato Antes de usar este aparato, lea mas advertcias en la guia de operacion. Um einen elektrischen Schalg oder Feuergefahr zu vermeiden, sollte dieses Gerat nicht dem Regen oder Feuchtigkeit ausgesetzt werden. Vor Inbetriebnahme unbedingt die Bedienungsanleitung lesen.

After unpacking your amplifier check that it is factory fitted with a three pin 'grounded' (or earthed) plug. Before plugging into the power supply ensure you are connecting to a grounded earth outlet.
If you should wish to change the factory fitted plug yourself, ensure that the wiring convention applicable to the country where the amplifier is to be used is strictly conformed to. As an example in the United Kingdom the cable colour code for connections are as follows.

EARTH or GROUND GREEN/YELLOW
NEUTRAL - BLUE
LIVE - BROWN



NOTE
This manual has been written for easy access of information. The front and rear panels are graphically illustrated, with each control and feature numbered. For a description of the function of each control feature, simply check the number with the explanations adjacent to each panel.
Your Laney amplifier has undergone a thorough two stage, pre-delivery inspection, involving actual play testing.
When you first receive your Laney guitar amplifier, follow these simple procedures:
(i) Ensure that the amplifier is the correct voltage for the country it is to be used in.
(ii) Connect your instrument with a high quality shielded instrument cable. You have probably spent considerable money on your amplifier and guitar - don't use poor quality cable it won't do your gear justice.
Please retain your original carton and packaging so in the unlikely event that some time in the future your amplifier should require servicing you will be able to return it to your dealer securely packed.
Care of your Laney amplifier will prolong it's life.....and yours!

Dear Player,

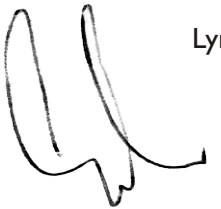
Thank you very much for purchasing your new Laney product and becoming part of the worldwide Laney family. Each and every Laney unit is designed and built with the utmost attention to care and detail, so I trust yours will give you many years of enjoyment.

Laney products have a heritage which stretches back to 1967 when I first began building valve amplifiers in my parent's garage.

Since then we have moved on from strength to strength developing an extensive range of guitar, bass, public address and keyboard amplification products along with a list of Laney endorsees that includes some of the world's most famous and respected musicians.

At the same time we believe we have not lost sight of the reason Laney was founded in the first place - a dedication to building great sounding amplification for working musicians.

Warm Regards,



Lyndon Laney CEO

PRISM - ONE BECOMES MANY

The Prism Series is a state of the art DSP based design enabling a wide range of different sounds to be created from your guitar.

Each amplifier features two modes : -

The first is HERO MODE which features eleven factory presets which are not simply guitar amp settings but combinations of amp and effects set ups used to record some of music's most inspirational guitar tones. HERO mode shows off some of the amplifiers capabilities without the need to spend time making adjustments.

The second is LIVE MODE a WYSIWYG (**W**hat **Y**ou **S**ee **I**s **W**hat **Y**ou **G**et) interface that allows you to do most of your sound editing. In this mode your controls function as conventional amplifier.
There are also FOUR CHANNELS for storing your favourite composed sounds for recall at any time either with the front panel buttons or via an optional footswitch.

On the P35 & P65 models a variable boost function is available for each of the eleven amp modes (giving you 22 different amp settings). This may be controlled via an optional simple footswitch to work just like a conventional gain boost pedal.

Eleven high quality carefully designed editable FX combinations are provided to enhance your sound.
Great care has been taken using skilled guitarists to make the amplifier deliver great sounds on all user settings.

A tuner function with auto mute (for silent operation) is also available on the front panel switches.

Hero Mode
Here you will find eleven pre-set sounds we have chosen. These can not be overwritten but can be temporarily edited and then stored into the channels if required. *(See Hero preset list.Page 23)*

Live Mode
In this mode all the controls operate exactly as indicated on the fascia panel. When you find the sound you like it can be stored to a channel as required.

Channel Mode
Each channel button is factory programmed with a "Cool Sound". These settings can be kept as is, or edited to suit your own sound, or replaced entirely with a new sound of your own design.(Keep a note of your settings, because if a "Factory Reset" is used any edits carried out here will be reset to factory settings).
When you have created a sound in the LIVE mode or any sound the amplifier is producing at the time, you can store it to a Channel simply by pressing and holding down the desired Channel button for two seconds. (The store and Channel button light will flash to indicate the store has taken place)
If you decide the sound is still not quite right you can re-edit it in the Channel and then press and hold the Channel button again to overwrite.

Effects
There are eleven carefully chosen built in studio quality combinations effects available.
These can be used as factory set or can be extensively edited as desired, temporarily, or stored for future use.

All settings are retained after power down so none of your new sounds are ever lost.

HERO MODE

5 Try out each of the 11 HERO sounds. (Page 23)

1 Turn the POWER switch to ON

3 Press the HERO Button

4 Set the MASTER Volume to desired level

2 Plug in your Guitar

Channels 1-4 each contain a different factory stored "Cool Sound" to start you off

Channel: 1 Clean. Channel: 2 Blues. Channel: 3 Rock. Channel: 4 Metal.

LIVE MODE

6 Select AMP type

5 Adjust GAIN / VOLUME & EQ

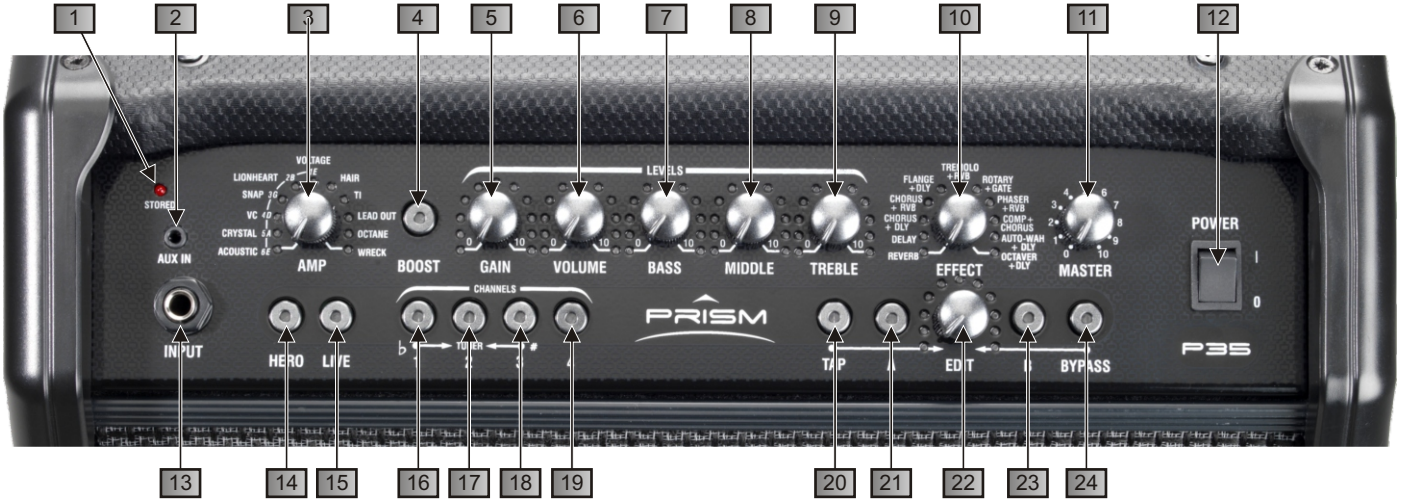
1 Turn the POWER switch to ON

3 Press the LIVE Button

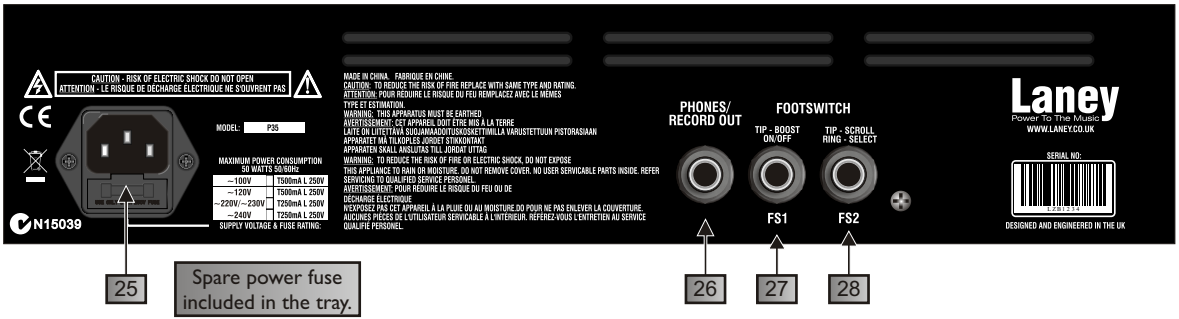
4 Set the MASTER Volume to desired level

2 Plug in your Guitar

7 Add FX with EFFECT control & set the level, if required, with EDIT



1. Stored LED
2. AUX IN Jack
3. AMP Selector Switch
4. BOOST Button
5. GAIN Control
6. VOLUME Control
7. BASS Control
8. MIDDLE Control
9. TREBLE Control
10. EFFECT Selector Switch
11. MASTER Control
12. POWER Switch
13. GUITAR INPUT Jack Socket
14. HERO Button


CAUTION - RISK OF ELECTRIC SHOCK DO NOT OPEN
ATTENTION - LE RISQUE DE DECHARGE ELECTRIQUE NE S'OUVRENT PAS
MODEL: P35
MAXIMUM POWER CONSUMPTION
50 WATTS 50/60Hz
~100V T500mA L 250V
~120V T500mA L 250V
~220V/~230V T250mA L 250V
~240V T250mA L 250V
SUPPLY VOLTAGE & FUSE RATING:
N15039
MADE IN CHINA FABRIQUE EN CHINE
CAUTION: TO REDUCE THE RISK OF FIRE REPLACE WITH SAME TYPE AND RATING.
ATTENTION: POUR REDUIRE LE RISQUE DU FEU REMPLACEZ AVEC LE MEMES
TYPE ET ESTIMATION.
WARNING: THIS APPARATUS MUST BE EARTHED
AVERTISSEMENT: CET APPAREIL DOIT ETRE MIS À LA TERRE
LAITE ON LITETTÄVÄ SIJOJAMAADOITUSKOSKETTIMILLA VARUSTETTUUN PISTORASIAAN
APPARATET MÅ TILKOPLES JORDET STIKKONTAKT
APPARATEN SKALL ANSLUTAS TILL JORDAT UTTAG
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK. DO NOT EXPOSE
THIS APPLIANCE TO RAIN OR MOISTURE. DO NOT REMOVE COVER. NO USER SERVICABLE PARTS INSIDE. REFER
SERVICING TO QUALIFIED SERVICE PERSONEL.
AVERTISSEMENT: POUR REDUIRE LE RISQUE DU FEU OU DE
DECHARGE ELECTRIQUE
N'EXPOSEZ PAS CET APPAREIL À LA PLUIE OU AU MOISTURE.DO POUR NE PAS ENLEVER LA COUVERTURE.
AUCUNES PIÈCES DE L'UTILISATEUR SERVICABLE À L'INTERIEUR. REFEREZ-VOUS L'ENTRETIEN AU SERVICE
QUALIFIÉ PERSONEL.
PHONES/ RECORD OUT
FOOTSWITCH
TIP - BOOST ON/OFF
TIP - SCROLL RING - SELECT
FS1
FS2
Laney
Power To The Music
WWW.LANEY.CO.UK
SERIAL NO:
DESIGNED AND ENGINEERED IN THE UK
25
Spare power fuse included in the tray.
26
27
28

- 15 LIVE Button
- CHANNEL Buttons
  - 16 TUNER Buttons
  - 17 TUNER Buttons
  - 18 TUNER Buttons
  - 19
- FX Buttons
  - 20 TAP Tempo Button
  - 21 A Edit Button
  - 22 EDIT Control
  - 23 B Edit Button
  - 24 BYPASS Button

- 25 MAINS Inlet Socket
- 26 PHONES/RECORD OUT Socket
- 27 FS1 BOOST Socket
- 28 FS2 CHANNEL Scroll/Select Socket

ALWAYS SWITCH OFF
& DISCONNECT THE POWER CORD
WHEN NOT IN USE.

POWER 12

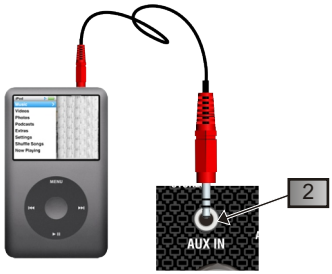
This is the main power on off switch.
After switch on the LED in the TAP Tempo button will flash to indicate power is on and the amplifier is in standby mode.

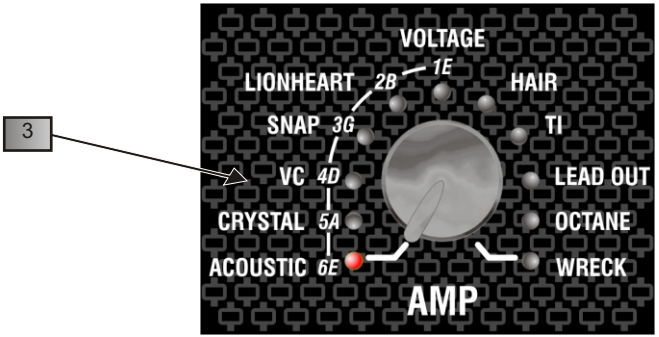
INPUT Jack 13

On plugging in the jack the amplifier will exit the standby condition and the panel LEDs will indicate the last used positions.
Use only good quality cables to avoid poor sound quality.

AUX IN Jack 2

Use this input for CD/MP3 players to allow you to play along to the music or use as backing. For use with standard stereo 3.5mm jack leads. Adjust the output of your player to get the required mix level. The overall volume of both your guitar and CD/MP3 is controlled by the fascia Master Volume control.





AMP Switch 3

Selects the AMP model or HERO model. See the following table for AMP descriptions
(Also the string for tuning. See tuner operation. Page 22)

Tone Pallet Descriptions		
Amp		Amp Description
#1	Acoustic	1 x 12 Acoustic combo - flat response
#2	Crystal	Classic Solid state 2 x 12 Jazz Chorus combo
#3	VC	30 watt 2 x 12 single channel valve combo
#4	Snap	Classic tweed 4 x 10 valve combo
#5	Lionheart	5 watt single ended Class A twin channel 1 x 12 combo
#6	Voltage	Master Volume style head & 4 x 12 cabinet
#7	Hair	Hot rodded master volume head & 4 x 12 cabinet
#8	TI	Hi Gain signature head & 4 x 12 cabinet with mid range punch
#9	Leadout	Classic Boutique Head with a few tweaks
#10	Octane	Hi Gain modern all valve head & vintage 30 loaded 4 x 12 cabinet
#11	Wreck	Ultra Hi Gain Metal head & 4 x 12 Cabinet

HERO Button 14

Press to select the HERO mode of operation. (The switch button will illuminate to confirm selection)
You will now have access via the AMP selector switch to the eleven factory pre-set sounds.
(See chart for details of the sounds)
You can make adjustments to these sounds using the other panel controls and if required store your new sound to one of the Channels 1-4. (See channel storing. Page 20)

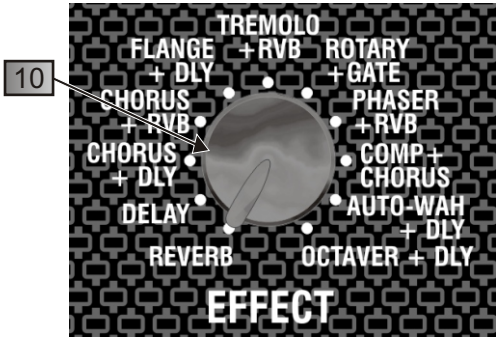
LIVE Button 15

Press to select the LIVE mode.
This makes the panel controls function in the conventional manner **W**hat **Y**ou **S**ee **I**s **W**hat **Y**ou **G**et: operation.
Here you can use the amplifier controls to obtain your desired sound, then if you wish, store it into one of the four channels for future recall. (See channel storing. Page20)

Laney

EFFECT Switch 10

This control allows access to eleven different factory studio quality effects combinations. All these effects can be edited in various ways. (See effect edit) The edited effect can be stored together with your AMP sound to a channel as required. You can also edit an effect and overwrite the factory setting (See table below) for your future use. (See effect edit)



Effects Compliment	Factory Preset
Reverb	Large Spring Reverb
Delay	423mS delay short repeats
Chorus+& Delay	Lush Chorus + 423ms delay with short repeats
Chorus + Reverb	Deep Chorus + small hall reverb
Flange + Delay	Medium Flange + 423ms delay medium repeats
Tremolo + Reverb	Fast Tremolo + Short Plate Reverb
Rotary + Gate	Medium rotart + Long gate
Phaser + Reverb	Light Phaser + Spring Reverb
Chorus + Compressor	Medium Compression + Lush Chorus
Auto-Wah + Delay	Medium sensitivity wah + Short Delay
Octaver + Delay	Octave above and below + 423ms delay short repeats

MASTER Control 10
This is the overall Master volume control to adjust your room sound level.

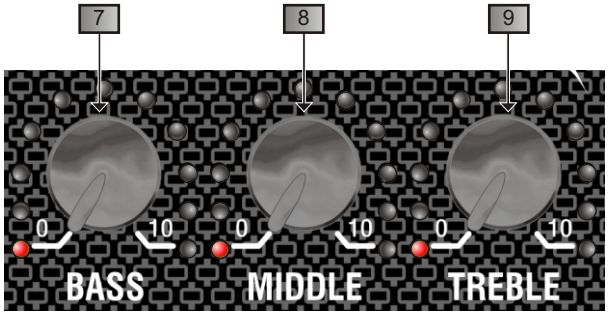
GAIN Control 5
Controls the preamplifier drive level.
Low settings give cleaner sounds, higher give more distortion.
This should be used in conjunction with the VOLUME control to give sensible levels.
(Rule of thumb Low GAIN settings use high VOLUME settings. High GAIN settings use lower VOLUME settings)
This will give good overall balance to all your sounds.

VOLUME Control 6
Controls the preamplifier output level. Use in conjunction with the GAIN control as suggested above.
(Setting too high on overdriven sounds can cause unwanted distortion)

BASS Control 7
Controls the amount of bass in your sound.

MIDDLE Control 8
Controls the amount of mid frequency sounds.

TREBLE Control 9
Controls the amount of high frequencies in your sound.



Laney

CHANNEL Button 16 - 19

Selects the stored channel sounds
Press and hold to store a new sound from the panel.
Channels may also be selected via optional remote footswitch.
(See Channel Store operation. Page 20)

TUNER Button 16 - 17 - 18

By pressing 16 and 18 at the same time the amplifier will Mute and the tuner function will be activated.

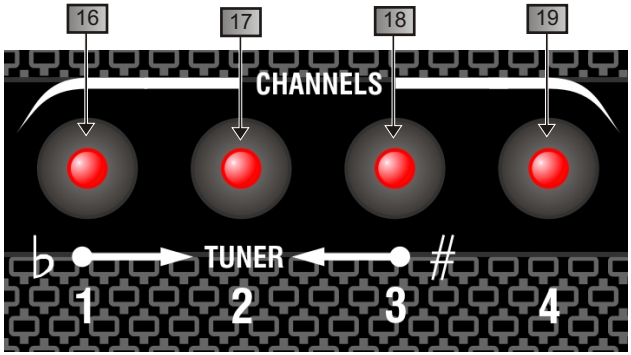
The LED in 17 will flash to indicate operation.

To exit the tuner function press 16 & 18 at the same time again. Alternatively remove the input jack and replace.
(See Tuner operation. Page 22)

TAP Button 20

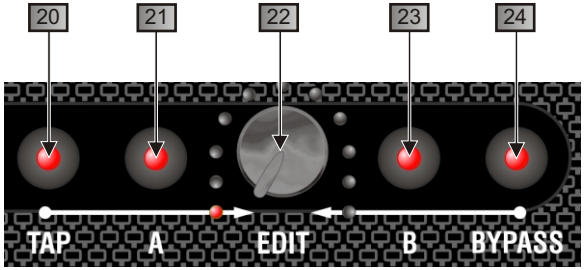
This button is used to adjust the speed of the modulation/delay type effects by tapping on the switch.
(See Effects edit notes) The LED will flash at the rate you set.

Press and hold for 1 second and then turn 22 EDIT, allow further effects parameter edits. (See Effects edit notes)



EDIT Control 22

This is the primary edit control for the effects. It generally controls Mix level or time/rate depending on the effects selected. (See Effects edit notes)



A Edit Button 21

Press and hold for 1 second and then turn 22 EDIT to adjust parameters in the Effects bank. (See Effects edit notes)

B Edit Button 23

Press and hold for 1 second and then turn 22 EDIT to adjust more parameters in the Effects bank. (See Effects edit notes)

BYPASS Button 24

When pressed momentarily will turn off the Effects.

Press and hold for 1 second and then turn 22 EDIT, allow further effects parameter edits. (See Effects edit notes)

BOOST Button 4

When pressed applies a gain boost at the front of the preamplifier (similar to a foot pedal boost)
The amount of boost can be adjusted and stored to each AMP sound. This is done by press and hold then adjust the EDIT control to alter the amount of boost. May also be switched on and off via optional remote footswitch. (See also Boost storing)

Rotary control Lights

In LIVE mode the lights will show the pointer positions of all the controls.
In HERO and CHANNEL1 mode the lights will show the positions used to create the sound within the HERO and CHANNEL modes. This makes it easier to see how the sounds were made and any editing you may wish to do.

Channel Storing:

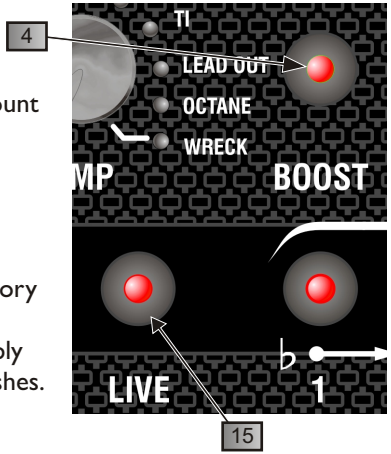
In LIVE, HERO or CHANNEL mode you can make use of the store function.

In HERO mode if you edit the sounds you can not overwrite the HERO setting. However you can store your edited version to one of the four channels.
Simply make the changes you want to any of the amplifier controls or Effects to get your desired sound. Then simply press and hold the desired channel button until the store light 1 flashes.

Now whenever you select the channel again it will have your new sound ready to use. (Even after power down).
You then have other options if you go to the channel again and decide the sound you chose is not quite right just make the adjustments and then press and hold the channel button again to overwrite to the new sound.
If you don't want to overwrite this channel and you want the new sound in another channel simply press and hold the new channel button to store. (The original will remain in the first channel)

Boost Storing:

You can store a boost function to an AMP model in LIVE mode by setting the desired amount then press and hold the LIVE button until the store light flashes.
Each time the AMP is recalled the boost will be set at the level you required.

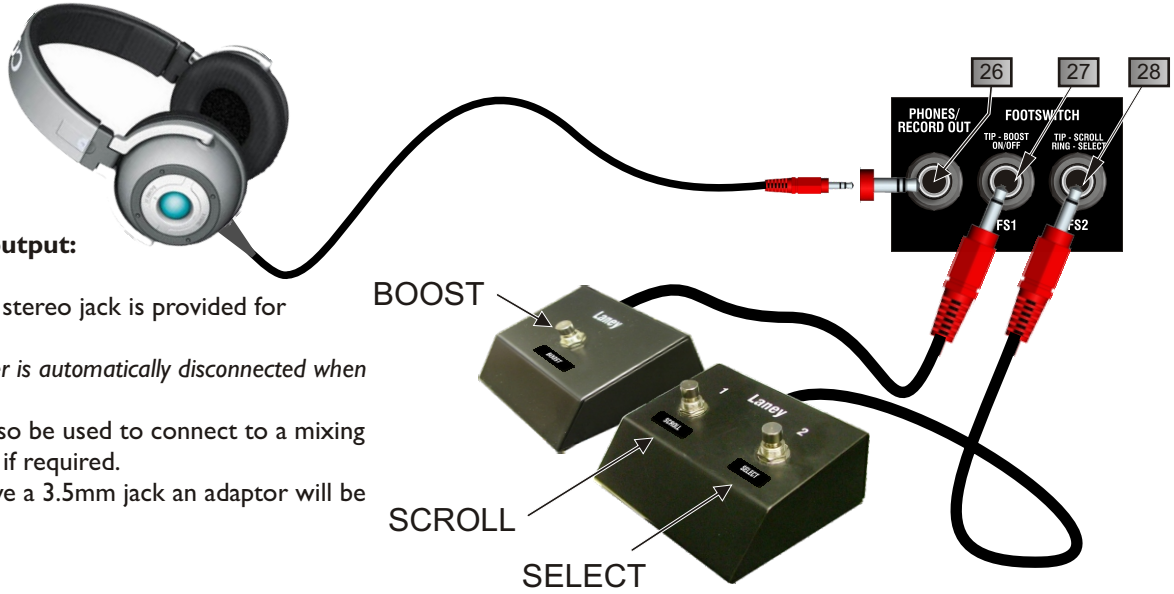


Changing the built in effects:

In LIVE mode you can adjust the edit functions in any of the effects and overwrite the factory settings.
So if you want your standard delay to be 300mS instead of the 423mS factory setting, simply make the adjustment, then press and hold the LIVE channel button until the store light flashes.
The new setting will be your default whenever you select that EFFECT.
(See Edit chart for options. Page 25)

Footswitches:

The rear panel has jack connectors for two footswitches.
To the boost jack any latching or non latching footswitch with mono jack may be fitted (Laney FS1 recommended)
To the Channel jack (Scroll and Select functions) any latching or non latching twin footswitch with stereo jack may be used. (Laney FS2 recommended)
Use the Scroll switch to step and preselect through the four channels in sequence.
Preselected Channel switch will then flash.
When you are ready to change to the preselected Channel simply press the Select switch.



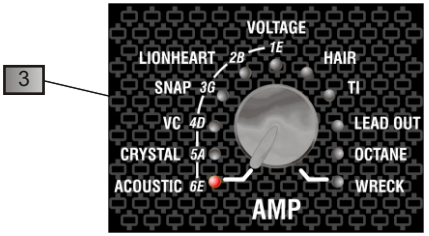
Headphone/DI output:

A rear panel 6.25" stereo jack is provided for headphone use.
(The internal speaker is automatically disconnected when using phones.)
This output may also be used to connect to a mixing desk for recording if required.
(If your Phones have a 3.5mm jack an adaptor will be required)

Tuner Operation

By pressing 16 and 18 (Channel 1 & 3) at the same time the amplifier will Mute and the tuner function will be activated. *(Note any signal connected to the Auxiliary input will not be muted)*

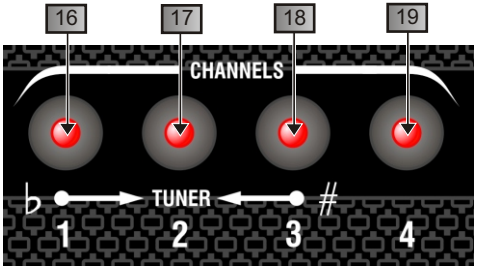
The LED in 17 (Channel 2) will flash to indicate Tuner operation.



The AMP selector should then be used to select each string in turn to be tuned.
These are E,B,G,D,A,E and numbered 1-6 with 1 being the High "E" and 6 being Low "E"

Adjust the string tension to make just the centre LED light.
(As the tune is approached, the centre LED and the LED from the direction of tune will speed up flashing to show you are getting close to the in tune position.

When in tune the LEDs will stop flashing and only the Centre LED will be continuously lit.
Repeat this for each string and then go back through them again to make final adjustments if required.



To exit the tuner function press 16 & 18 at the same time again.
Alternatively remove the input jack and replace.

(You will be returned to the amp model and sound settings prior to tuning.)

Hero Sound Compilation Details				
Amp		**Sonic Definition**	**FX**	
#1	Blowin	Crisp clean acoustic tone	#4	Light Chorus
#2	Rain	Classic Paisley Purple tone	#9	Deep Chorus + Compression
#3	Edgy	Unforgettable signature sound	#2	Long Delay with repeats
#4	Dimples	Classic Hooker blue tone	#1	Reverb
#5	Wing	Axis bold as ever	#1	Reverb
#6	Highway	School shorts & cap	#7	Gated Reverb
#7	Erupt	Tapped out	#8	Light Phaser+Reverb
#8	Iron Man	The original black tone	#1	Reverb
#9	Surfin	Extra Terrestrial Wah	#10	Auto Wah+Delay
#10	Dime	Angular riff		No Effects
#11	Psycho	Social Tone	#2	Slap back Delay no repeats.

Note: The original Hero sounds were compiled using guitars suited to each style of track. For the best high gain sounds Humbucker high output type pickups should be used.

The Effects edit chart shows the parameters that can be edited in each of the effects.
Edit refers to the Edit rotary control. In many cases this function is duplicated with the TAP button edit.

Example:

Chorus +Delay
This Effect combination can be adjusted in the following ways:

1) **Chorus Rate/Speed**. (Modulation Frequency)
Simply turn the Edit control to adjust.
Or use the TAP tempo button.
You can store your change for future use by pressing and holding the Live button until the store light flashes.

2) **Chorus Depth.** (Modulation Depth)
Hold down A Edit button for 1 second and then turn Edit control.
Whilst button A remains lit you are still in edit mode. (Remains in Edit mode for 3sec after edit)
You can store your change for future use by pressing and holding the Live button until the store light flashes.

3) **Delay Time**
Hold down Tap button for 1 second and then turn Edit control. Whilst button A remains lit you are still in edit mode. (Remains in Edit mode for 3sec after edit)
You can store your change for future use by pressing and holding the Live button until the store light flashes.

4) **Delay Mix**
Hold down Tap button for 1 second and then turn Edit control.
Whilst button B remains lit you are still in edit mode. (Remains in Edit mode for 3sec after edit)
You can store your change for future use by pressing and holding the Live button until the store light flashes.

5) **Delay Repeats**
Hold down Bypass button for 1 second and then turn Edit control.
Whilst button B remains lit you are still in edit mode.
You can store your change for future use by pressing and holding the Live button until the store light flashes.
(Note if a Boost is set this will be stored to the Live Channel at the same time)

Effect Edits							
		Edit	Tap	Tap+Edit	A+Edit	B+Edit	Bypass+Edit
1	*Reverb*	Mix		Length			
2	*Delay*	Mix	Time	Time	Repeats		
3	*Chorus +Delay*	Ch Rate	Ch Rate	Dly Time	Ch Depth	Dly Mix	Dly Repeats
4	*Chorus + Reverb*	Ch Rate	Ch Rate		Ch Depth	Rvb Mix	
5	*Flange + Delay*	Flg Rate	Flg Rate	Dly Time	Flg Depth	Dly Mix	
6	*Tremolo + Reverb*	Trm Rate	Trm Rate		Trm Depth	Rvb Mix	
7	*Rotary + Gate*	Rty Rate	Rty Rate	Rvb Time	Rty Depth	Rvb Mix	Gate Threshold
8	*Phaser + Reverb*	Phr Rate	Phr Rate	Rvb Time	Phr Depth	Rvb Mix	Phr Feedback
9	*Chorus + Compressor*	Ch Rate	Ch Rate		Ch Depth	Comp Ratio	Comp Gain
10	*Auto-Wah + Delay*	Wah Sensitivity	Dly Time	Dly Time	Wah Q	Dly Mix	Dly Repeats
11	*Octaver + Delay*	Octave Mix	Dly Time	Dly Time		Dly Mix	Dly Repeats

Other Effects Notes:

In some of the combination effects it is possible by using the Edit controls to turn off one of the effects if not required. Many of the secondary effects have a mix option. If set to zero will eliminate that effect.

Example:

Chorus+Delay:
To defeat the delay and only have Chorus use B+Edit to set mix to zero.

Note some functions are not applicable to certain effects and so some Edit buttons will have no effect and will not illuminate within that effect selection.

Example:

Reverb only has two adjustments:

1) Mix level… using the Edit knob.
2) Reverb length… by holding down the TAP control momentarily and adjusting the Edit knob for the desired decay time. (Short anti-clockwise. Long clockwise direction) A,B & Bypass Edits will have no effect.

No sound output:

Are the power lights on?

If not check power cord connection and power switch is on.
Check fuse in rear power inlet socket. *(Important Replace only with correct type and rating fuse)*

If power lights are ok is the Master Volume turned up?

Are the Gain and Volume controls turned up?

Are you in Tuner mode?

If so exit by pressing Channel 1 and 3 simultaneously or just remove and replace input jack.

Have headphones been left plugged in?

This will cut sound from Speaker.

Want to return to the original factory settings?

See below.
Note all your stored sounds will be lost and the amplifier will return to original factory settings.

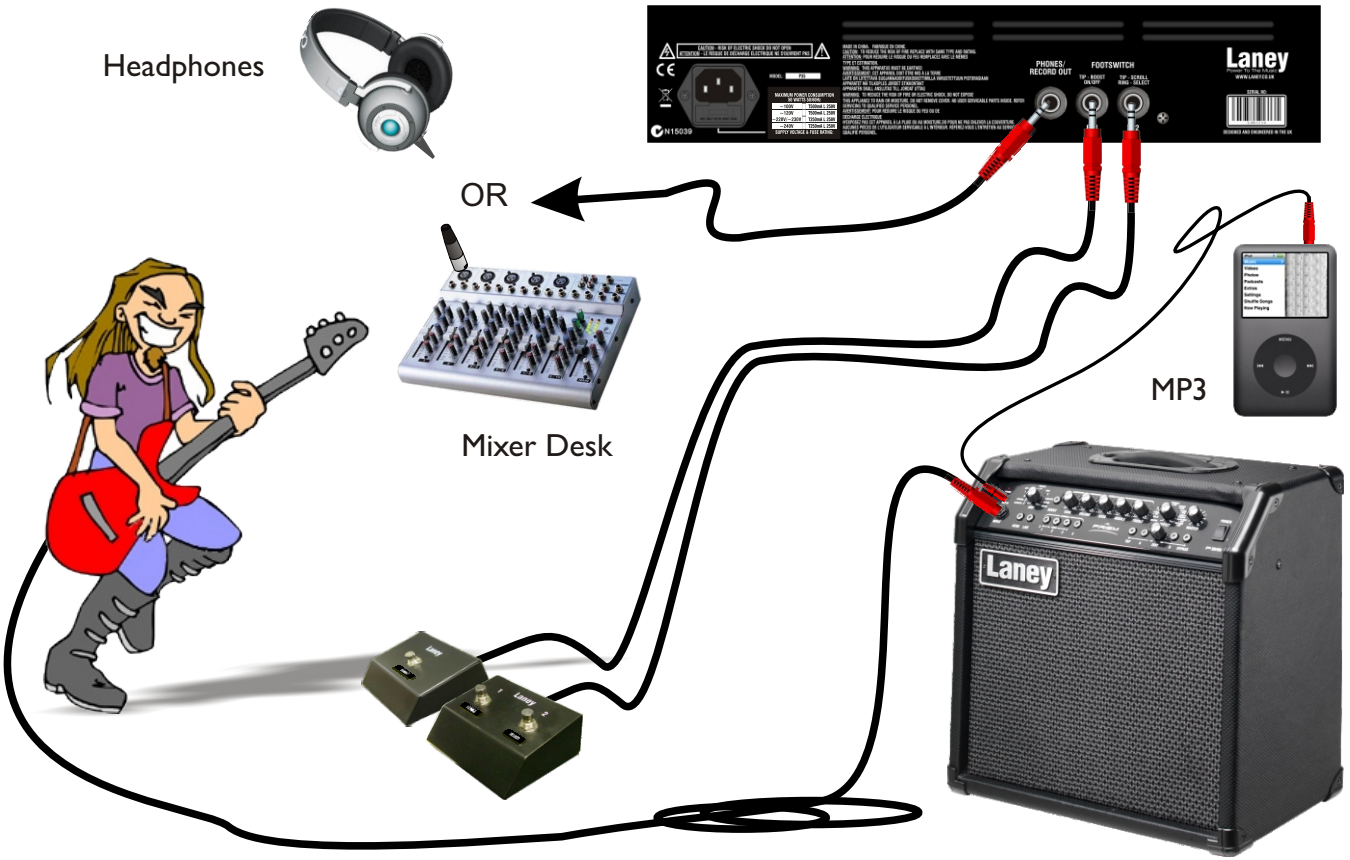
Factory Reset:

You can at any time return the amplifier to all its original factory settings.
(IMPORTANT: you WILL lose all your stored changes)
With the amplifier in the OFF state, hold down the BYPASS switch, turn ON the power switch, continue holding down the BYPASS switch for 5 seconds, then release & the factory settings are restored.
(All the switch lights will illuminate and then flash after 2 seconds to show a reset has taken place)

Nominal Supply Voltage	~100V, ~115V, ~220V, ~230V, ~240V. 50/60Hz Factory Option	
Mains Fuse	(~100, ~110>~120V = T500mA L 250V)	(~220V, ~230V, ~240V = T250mA L 250V)
Power Consumption	50W	
Output Power Rating	35W	
Loudspeaker	Custom Designed 10”	(Minimum 4 Ohm Impedance)
Features	Studio Quality MULTI FX	
	HERO Mode	
	LIVE Mode	
	CHANNEL Mode	(4 User channels to store to)
	TUNER Function	
	Adjustable BOOST	
Footswitchable (Optional)	FS1 For Boost - FS2 For Channel Scroll / Select	
EQ	Bass, Middle and Treble	
Input Impedance	1MOhm 100pF	
Size (H*W*D)	401*406*256 (Base)	
Unit Weight	11 Kg	(Shipping Weight 12.5Kg)

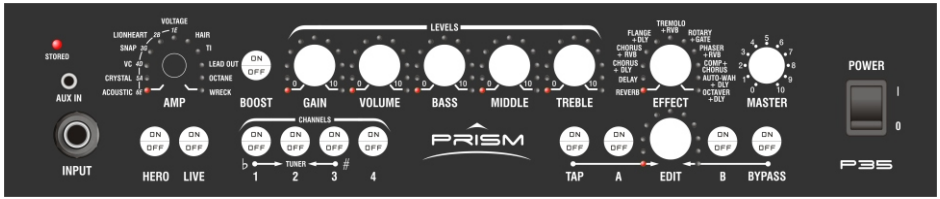
This product conforms to the requirements of the following European Regulations, Directives & Rules:-
CE Mark (93/68/EEC), Low Voltage (72/23/EEC), EMC (2004/108/EEC),
RoHS (EU2002/95/EC), WEEE (EU2002/96/EC)

In order to reduce environmental damage, at the end of its useful life, this product must not be disposed of along with normal household waste to landfill sites. It must be taken to an approved recycling centre according to the recommendations of the WEEE (Waste Electrical and Electronic Equipment) directive applicable in your country.


Headphones
OR
Mixer Desk
MP3
PHONES/
RECORD OUT
FOOTSWITCH
Laney
Laney

Laney

PRISM PLAYER EDIT NOTES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WRECK
AMP
BOOST
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GAIN
VOLUME
BASS
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TREBLE
TREMOLO
+ RVB
FLANGE
+ DLY
CHORUS
+ RVB
CHORUS
+ DLY
DELAY
REVERB
ROTARY
+ GATE
PHASER
+ RVB
COMP+
CHORUS
AUTO-WAH
+ DLY
OCTAVER
+ DLY
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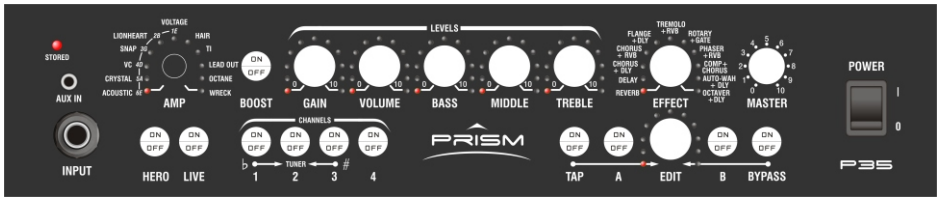
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BASS
MIDDLE
TREBLE
TREMOLO
+ RVB
FLANGE
+ DLY
CHORUS
+ RVB
CHORUS
+ DLY
DELAY
REVERB
ROTARY
+ GATE
PHASER
+ RVB
COMP+
CHORUS
AUTO-WAH
+ DLY
OCTAVER
+ DLY
EFFECT
MASTER
POWER
I
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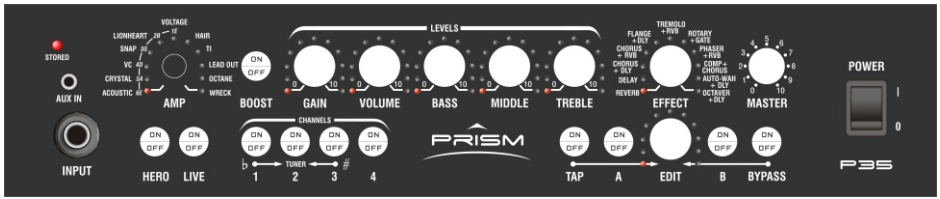
P35
HERO
LIVE
CHANNELS
TUNER
1
2
3
4
PRISM
TAP
A
EDIT
B
BYPASS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In the interest of continued product development, Laney reserves the right to amend product specification without prior notification.